

Title (en)
NETWORK CONTROLLED REPEATER (NCR) PROCEDURES TO SUPPORT TYPE 1 CONFIGURED GRANTS

Title (de)
NETZWERKGESTEUERTE REPEATER (NCR)-VERFAHREN ZUR UNTERSTÜTZUNG VON TYP-1-KONFIGURIERTEN BERECHTIGUNGEN

Title (fr)
PROCÉDURES DE RÉPÉTEUR COMMANDÉ PAR RÉSEAU (NCR) POUR PRENDRE EN CHARGE DES AUTORISATIONS CONFIGURÉES DE TYPE 1

Publication
EP 4369628 A1 20240515 (EN)

Application
EP 23154472 A 20230201

Priority
US 202217985082 A 20221110

Abstract (en)
A network controlled repeater (NCR) is described. The NCR includes receiving circuitry configured to receive a radio resource control (RRC) configuration from a gNodeB (gNB) on a control link for a configured grant (CG), including resource allocation with beam indication, and uplink (UL) forwarding delay information.

IPC 8 full level
H04B 7/155 (2006.01)

CPC (source: CN EP KR US)
H04B 7/15528 (2013.01 - EP); **H04B 7/15542** (2013.01 - KR); **H04L 5/0053** (2013.01 - CN KR); **H04L 5/0055** (2013.01 - CN);
H04W 16/28 (2013.01 - US); **H04W 72/046** (2013.01 - CN); **H04W 72/23** (2023.01 - US); **H04W 72/231** (2023.01 - KR);
H04W 84/047 (2013.01 - KR)

Citation (search report)
• [Y] HAMIDREZA SHARIATMADARI ET AL: "Discussion on side control information and NCR behavior", vol. 3GPP RAN 1, no. Toulouse, FR; 20221114 - 20221118, 7 November 2022 (2022-11-07), XP052222166, Retrieved from the Internet <URL:https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_111/Docs/R1-2211602.zip> R1-2211602.docx> [retrieved on 20221107]
• [Y] SAMSUNG: "Discussion on side control information and NCR behavior", vol. RAN WG1, no. e-Meeting; 20221010 - 20221019, 30 September 2022 (2022-09-30), XP052259217, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_ran/WG1_RL1/TSGR1_110b-e/Docs/R1-2209744.zip> R1-2209744 Discussion on side control information and NCR behavior_v02.docx> [retrieved on 20220930]
• [Y] CEWIT ET AL: "Discussion on Side control information to enable NR network-controlled repeaters", vol. RAN WG1, no. Toulouse, France; 20220822 - 20220826, 12 August 2022 (2022-08-12), XP052275013, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_ran/WG1_RL1/TSGR1_110/Docs/R1-2207075.zip> R1-2207075 SCI to enable NCR.doc> [retrieved on 20220812]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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EP 4369628 A1 20240515; AU 2023201248 A1 20240530; CN 118019110 A 20240510; JP 2024070189 A 20240522;
KR 20240068505 A 20240517; US 2024163882 A1 20240516

DOCDB simple family (application)
EP 23154472 A 20230201; AU 2023201248 A 20230301; CN 202310120603 A 20230202; JP 2023002345 A 20230111;
KR 20230018675 A 20230213; US 202217985082 A 20221110